

What is claimed is:

1. A hair dye composition comprising:

a first agent containing an alkanolamine and an oxidation dye; and,

a second agent containing an oxidant,

wherein a higher alcohol and a quaternary ammonium salt cationic surfactant are contained in the first agent and/or the second agent;

wherein the molar ratio of the higher alcohol to the quaternary ammonium salt cationic surfactant is in the range of 3 to 15.

2. A hair dye composition according to Claim 1 wherein substantially no ammonia is contained.

3. A hair dye composition according to Claim 1 wherein two or more kinds of higher alcohols are contained.

4. A hair dye composition according to Claim 2 wherein two or more kinds of higher alcohols are contained.

5. A hair dye composition according to Claim 1,

wherein a polyoxyethylene alkyl ether nonionic surfactant are further contained in the first agent and/or the second agent;

wherein the weight of the polyoxyethylene alkyl ether nonionic surfactant incorporated in each of the first agent and the second agent is less than the weight of the quaternary ammonium salt cationic surfactant incorporated.

6. A hair dye composition according to Claim 2,

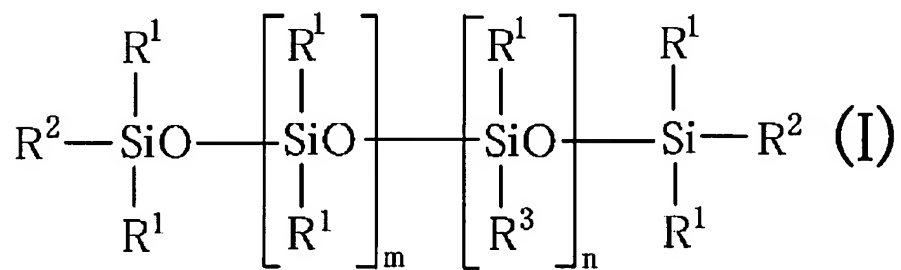
wherein a polyoxyethylene alkyl ether nonionic surfactant are further contained in the first agent and/or the second agent;

wherein the weight of the polyoxyethylene alkyl ether nonionic surfactant incorporated in each of the first agent and the second agent is less than the weight of the quaternary ammonium salt cationic surfactant incorporated.

7. A hair dye composition according to Claim 1 comprising the quaternary ammonium salt cationic surfactant in an amount of 0.05 to 5.0 % by weight based on the entire composition.

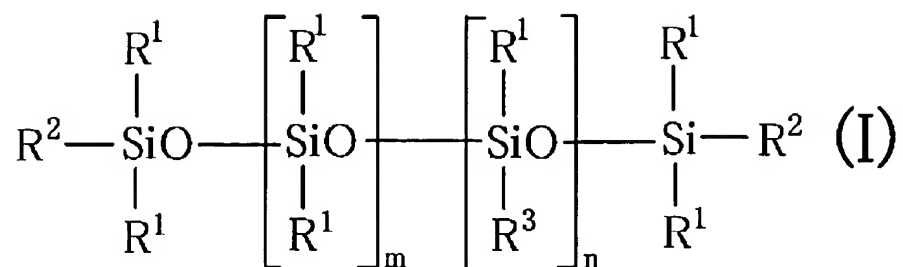
8. A hair dye composition according to Claim 2 comprising the quaternary ammonium salt cationic surfactant in an amount of 0.05 to 5.0 % by weight based on the entire composition.

9. A hair dye composition according to Claim 1 further comprising, in the first agent and/or the second agent, an amino-modified polymer silicone or ammonium-modified polymer silicone represented by Formula (I):



wherein R^1 is a methyl group or partly a phenyl group, R^2 is the same as R^3 or a methyl group or a hydroxyl group, R^3 is an amino group- or ammonium group-containing substituent represented by Formula R^4Z wherein R^4 is a divalent alkylene group having 3 to 6 carbon atoms, Z is a monovalent group selected from the group consisting of $-\text{NR}^5_2$, $-\text{N}^+\text{R}^5_3\text{A}$, $-\text{NR}^5(\text{CH}_2)_a\text{NR}^5_2$, $-\text{NR}^5(\text{CH}_2)_a\text{N}^+\text{R}^5_3\text{A}$ and $-\text{NR}^5(\text{CH}_2)_a\text{N}(\text{R}^5)\text{C}=\text{O}(\text{R}^6)$ wherein R^5 is hydrogen or an alkyl group having 1 to 4 carbon atoms, R^6 is an alkyl group having 1 to 4 carbon atoms, A is Cl, Br or I, and a is an integer of 2 to 6, and each of m and n is a positive integer and $m+n$ is an integer of 3000 to 20000, and n/m is 1/500 to 1/10000.

10. A hair dye composition according to Claim 2 further comprising, in the first agent and/or the second agent, an amino-modified polymer silicone or ammonium-modified polymer silicone represented by Formula (I):



wherein R^1 is a methyl group or partly a phenyl group, R^2 is the same as R^3 or a methyl group or a hydroxyl group, R^3 is an amino group- or ammonium group-containing substituent represented by Formula R^4Z wherein R^4 is a divalent alkylene group having 3 to 6 carbon atoms, Z is a monovalent group selected from the group consisting of $-\text{NR}^5_2$, $-\text{N}^+\text{R}^5_3\text{A}$, $-\text{NR}^5(\text{CH}_2)_a\text{NR}^5_2$, $-\text{NR}^5(\text{CH}_2)_a\text{N}^+\text{R}^5_3\text{A}$ and $-\text{NR}^5(\text{CH}_2)_a\text{N}(\text{R}^5)\text{C}=\text{O}(\text{R}^6)$ wherein R^5 is hydrogen or an alkyl group having 1 to 4 carbon atoms, R^6 is an alkyl group having 1 to 4 carbon atoms, A is Cl, Br or I, and a is an integer of 2 to 6, and each of m and n is a positive integer and $m+n$ is an integer of 3000 to 20000, and n/m is 1/500 to 1/10000.